



LEWIS COUNTY PUBLIC WORKS ENGINEERING AND TRAFFIC INVESTIGATION REPORT

IN THE MATTER OF: Establishment of a school speed zone on all roads adjacent to Centralia High School property.

REASON FOR INVESTIGATION: The safety of school students, pedestrians, and the travelling public that walk along and drive the four county roads that are adjacent to Centralia High School property.

COUNTY ROAD: 91023 – Borst Avenue
13022 – Eshom Road
91016 – Eshom Road
13017 – Mt Vista Road

TO: Erik Martin & Tim Fife

FINDINGS:

- a.) **Current Speed Limit :** Borst Ave-30 mph, Eshom Rd-25 mph, and Mt Vista Rd-25 mph.
- b.) **Physical Features:** These roads are all urban county roads with a 22' to 23' width and a Bituminous Surface Treatment surfacing. In front of the high school, Eshom Road has a 4' shoulder with a Bituminous Surface Treatment on one side and a 6' Asphalt shoulder on the other side. Borst Ave has 4' gravel shoulders on both sides. Mt Vista Road and the remainder of Eshom Road have no shoulders. None of the roads have bike or pedestrian facilities.
- c.) **Accidents/Characteristics:** Traffic accidents for the years 2013 through 2015 include a property damage (pd) on Mt Vista Road, two pd and one injury (inj) accident on Eshom Road, and one pd and one inj accident on Borst Ave. These roads all have a high volume of pedestrian and vehicle traffic that travel to and from the high school and middle school. The bulk of the pedestrian and vehicle traffic is high school students and occurs concurrently before school starts and after dismissal. School buses also travel these same roads during the same time periods as the students. The Average Daily Traffic (ADT) for these roads are as follows:

Borst Avenue, ADT = 2,014 vehicles
Eshom Road, ADT = 1,394 vehicles
Mt Vista Road, ADT = 680 vehicles



Remarks/Recommendations: Establishing a school speed zone on all roads in the vicinity of Centralia High School property as follows:

- 91023 – Borst Avenue, between the intersections of Eshom Road and Cowlitz Road.
- 13022 – Eshom Road, between the intersections of Borst Avenue and Mt Vista Road.
- 91016 – Eshom Road, between the intersections of Borst Avenue and Mayberry Road.
- 13017 – Mt Vista Road, between the intersections of Eshom Road and Cowlitz Road.

Based on this Engineering and Traffic Investigation Report and Pursuant to RCW 46.61.440(2), which specifies the speed limit in an established school zone shall be 20 mph, and WAC 468-96-330 which states a school zone may extend by traffic regulation beyond 300 feet based on a traffic and engineering investigation, it is my recommendation that we move forward with an Ordinance establishing the school zone speed limit of 20 mph on the roads as described above.

d.) **Attachments:** vicinity map



Erik P. Martin P.E. Date
Director/County Engineer/Traffic Engineer



Vicinity Map
Borst Ave., Eshom Road, & Mt Vista Road
School Zone